IN THE CLAIMS:

Please amend the claims as follows:

1. *(previously presented)* A method for updating a firmware of a mobile device belonging to a network, the method comprising:

- transmitting update data from a network unit using a mobile device (403), to which there is connected a logic, external memory unit,
- storing the update data in the external memory unit (203, 303, 406) of the mobile device, and
- programming the stored update data in a permanent memory unit (204, 306, 408) of the mobile device, according to the programming logics provided in the mobile device.

2. *(previously presented)* A method according to claim 1, wherein the method comprises a step of transmitting the update data from the network unit to the mobile device as a response to a certain function that triggers the transmission, said function being one of the following: choosing from the network unit's menu (402) by a user, choosing from the mobile device's menu (201) by a user, an appearing of new update data to the network unit, or an outdating (301) of the firmware of the mobile device.

3. *(previously presented)* A method according to claim 1, wherein the logic, external memory unit is connected to the mobile device by means of an external memory bus (105).

4. *(previously presented)* A method according to claim 1, wherein the method comprises a step of transmitting the update data by the mobile device (403), where the update data is converted to be compatible with the memory unit and with the memory bus (405) to be connected thereto, whereafter the converted update data is transmitted to the external memory unit along the memory bus (406).

5. *(previously presented)* A method according to claim 1, wherein the method comprises a step of transmitting the update data by a mobile device, through which the update data is directly transmitted further to the external memory bus of the mobile device along a memory bus (203).

6. *(previously presented)* A method according to claim 1, wherein the method comprises a step of programming the update data stored in the external memory unit in the mobile device, when the mobile device is switched on for the next time (304, 307, 407, 409).

7. *(previously presented)* A method according to claim 1, wherein the method comprises a step of copying the programming logics for programming the update data from an external memory unit to the permanent memory unit of the mobile device prior to programming the update data (305).

8. *(previously presented)* A method according to claim 1, wherein the method comprises a step of storing the programming logics for updating the update data from the permanent memory of the mobile device to the RAM memory of the mobile device prior to programming the update data.

9. *(previously presented)* An arrangement for updating a firmware of a mobile device belonging to a network, the arrangement including

- an external memory unit (106) for storing the update data,
- means for transmitting the update data from a network (107) unit to the external memory unit (106) of the mobile device,
- means for storing the update data to the external memory unit (106) of the mobile device, and
- means for programming the stored update data to a permanent memory unit (102) of the mobile device by means of a programming driver provided in the mobile device.

10. *(previously presented)* An arrangement according to claim 9, wherein the mobile device includes an external bus (105) for connecting a logic, external memory unit (106) to the mobile device (101).

11. *(previously presented)* An arrangement according to claim 9, wherein the mobile device includes means for converting the update data into a form (104,105) required by the external memory unit.

12. *(previously presented)* An arrangement according to claim 9, wherein the mobile device includes means for copying the programming driver to its permanent memory unit (102) from the external memory unit (106) prior to programming the update data.

13. *(previously presented)* An arrangement according to claim 9, wherein said means are programmable means.

14. *(currently amended)* A mobile device (101) belonging to a network (107) and including a firmware to be updated, the mobile device comprising:

- a connection interface (105) for connecting the mobile device with the network and for transmitting an update data from the network to the mobile device,

- a memory bus interface for connecting the mobile device with an external memory unit (106), and for transmitting the update data from the mobile [[phone]] device to the external memory unit in order to store the update data to the external memory unit, and

- means for programming the stored update data to a permanent memory unit of the mobile device according to programming logics provided in the mobile device.

15. *(previously presented)* A mobile device according to claim 14, wherein the mobile device comprises a mobile phone.

16. *(previously presented)* An external memory unit, connectable to a mobile device, for storing update data of a firmware of the mobile device, the external memory unit comprising:

- a memory bus interface for connecting to the mobile device and for receiving the update data from a network unit through the mobile device,

- means for storing the update data, and

means for providing the mobile device with the stored updating data in order to program the stored update data to a permanent memory unit of the mobile device according to programming logics of the mobile device.